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TRANSMITTAL FORM		Filing Date	October 22, 2001					
		First Named Inventor	Jay WOHLGEMUTH, et al.	DEOE				
		Group Art Unit	1645	RECEIN	ED			
(to be used for all corres	spondence after initial filing)	Examiner Name	To Be Assigned	JAN 3 0 200	02			
Total Number Of Pages In Th	nis Submission 15	Attorney Docket No.	506612000100	7				
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Information Disc Statement - 3 pg PTO-1449 - 4 pgs 87 references att	S IN DUPL S IN DUPL with	D, Number of CD(s)						
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	SIGNATURE OF	APPLICANT, ATTORN	IEY OR AGENT					
Firm	Morrison & Foerster LLP							
or Individual Name	425 Market Street, San Francisco, CA 94105-2842 Amne Michael R. Ward (Reg. No. 38,651)							
Signature	Michael	R. (Dord						
Date	January 24, 2002	-						

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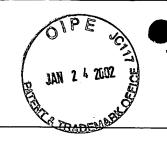
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ிASE J. TROMBELLA



PATENT Docket No. 506612000100

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CHASE J. TROMBELLA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Jay WOHLGEMUTH, et al.

Serial No.:

10/006,290

Filing Date:

October 22, 2001

For:

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PROFILING

Examiner: To Be Assigned

Group Art Unit: 1645

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97

Assistant Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Copies of the documents are also submitted herewith. The Examiner is requested to make these documents of record.

This Information Disclosure Statement is submitted:

	With the application; accordingly, no fee or separate requirements are required.
\boxtimes	Within three months of the application filing date or before mailing of a first Office
	Action on the merits; accordingly, no fee or separate requirements are required.
	After receipt of a first Office Action on the merits but before mailing of a final Office
	Action or Notice of Allowance.
	A fee is required.
	A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached
,	to this submission in duplicate.
	A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee
	is believed to be due.
	After mailing of a final Office Action or Notice of Allowance, but before payment of the
	issue fee. Accordingly, a Petition requesting consideration of the Information Disclosure
	Statement, an authorization to charge our deposit account, and a Certification under 37
	C.F.R. § 1.97(e) are provided herein.

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 is to the best of my knowledge and is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to <u>Deposit Account No. 03-1952</u> referencing <u>506612000100</u>. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: January 24, 2002

Respectfully submitted,

Michael R. Ward

Registration No. 38,651

Morrison & Foerster LLP 425 Market Street

San Francisco, California 94105-2482

Telephone: (415) 268-6237 Facsimile: (415) 268-7522

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

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Application Number 10/006,290

Applicant

J. Wohlgemuth et al.

Filing Date 10/22/2001

Group Art Unit 1645

Mailing Date January 24, 2002

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	2/26/80	4,190,535	Luderer et al.			PP -P
	2.	9/21/82	4,350,593	Kessler			
	3.	6/14/88	4,751,001	Saunders			
	4.	6/27/89	4,843,155	Chomczynski			
	5.	4/4/89	4,818,418	Saunders			
	6.	3/13/90	4,908,318	Lerner			
	7.	10/1/91	5,053,134	Luderer et al.			
	8.	9/1/92	5,143,854	Pirrung et al.			*· · · · · · · · · · · · · · · · · · ·
	9.	6/1/93	5,215,882	Bahl et al.			***
	10.	2/28/95	5,393,672	Van Ness et al.			
	11.	10/17/95	5,459,037	Sutcliffe et al.			4/4/4
	12.	1/30/96	5,487,970	Rowley et al.			
	13.	1/13/98	5,707,807	Kato	<u> </u>		***
	14.	2/24/98	5,721,351	Levinson			
	15.	9/15/98	5,807,522	Brown et al.			
	16.	11/17/98	5,837,832	Chee et al.			
	17.	9/28/99	5,958,342	Gamble et al.			
	18.	9/28/99	5,958,688	Eberwine et al.			
	19.	10/26/99	5,973,137	Heath			
	20.	11/30/99	5,994,076	Chenchik et al.			-
	21.	12/21/99	6,004,755	Wang			
	22.	2/1/00	6,020,186	Henco et al.			
	23.	3/7/00	6,033,860	Lockhart et al.			
	24.	3/21/00	6,040,138	Lockhart et al.			
	25.	4/11/00	6,048,695	Bradley et al.			
	26.	4/11/00	6,048,709	Falb			
	27.	5/09/00	6,060,240	Kamb et al.			

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DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449			Docket Number 506612000100 Application Number 10/006,290			,290			
INFORMATION DISCLOSURE CITATION				Applicant					
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		5,03/00	6,066,322	Lev	rinson				
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	30.	7/4/00	6,084,083	Lev	rinson				
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	32.	7/11/00	6,087,477	Fall	et al.				
	33.	7/18/00	6,090,556	Kat	0				
	34.	8/8/00	6,099,823	Fall)				·
L	35.	9/26/00	6,124,433	Falt	et al.				
	36.	11/14/00	6,146,828	Lap	idus et al.				
	37.	12/5/00	6,156,887	Lev	inson				
	38.	1/2/01	6,168,933 B1	Kas	er et al.				
	39.	2/13/01	6,187,534 B1	Stro	m et al.	_			
	40.	3/20/01	6,204,371 B1	Levinson				· · · · · · · · · · · · · · · · · · ·	
	41.	4/17/01	6,218,122 B1	Friend et al.				-	
	42.	6/5/01	6,242,185 B1	Kaser et al.		-		· 	
	43.	6/12/01	6,245,334 B1	Seilhammer et al.					
	44.	6/12/01	6,245,526 B1	Yue	et al.			· · · · · · · · · · · · · · · · · · ·	
	45.	6/12/01	6,245,527 B1	Bus	field et al.				
	46.	6/19/01	6,248,527 B1	Che	n et al.				
	47.	6/19/01	6,248,528 B1	Che	n et al.				
	48.	6/26/01	6,251,597 B1	Shyj	ian		· ·		
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	52.	11/11/99	WO 99/57130	WIP					
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	56.	4/5/01	WO 01/23426	WI	PO				
	57.	4/5/01	WO 01/23564	WI	PO				
	58.	4/26/01	WO 01/29269	WI	PO				
	59.	5/10/01	WO 01/32927	WI	PO				
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Examiner Initials	Ref. No.	Title							
	60.	Alizadeh, A. profiling" No	A. et al. "Distinct ty ature 403 (2000): 503	pes o 3-11.	f diffuse large B-cel	l lymphoma	a identified by	gene exp	ression
	61.	Alizadeh, A. et al. "Probing Lymphocyte Biology by Genomic-Scale Gene Expression Analysis" J. Clin. Immun. 18 (1998): 373-379.							
	62.	Alizadeh, A. et al. "The Lymphochip: A Specialized cDNA Microarray for the Genomic-scale Analysis of Gene Expression in Normal and Malignant Lymphocytes" Cold Spring Harbor Symposia on Quantitative Biology 54, (New York: Cold Spring Harbor Laboratory Press) (1999): 71-78.							
	63.	Arnett, F. C. et al. "The American Rheumatism Association 1987 revised criteria for the classification of rheumatoid arthritis" <i>Arthritis Rheum</i> 31 (1988): 315-24.							
	64.	Bombardier, C. et al. and the Committee on Prognosis Studies in SLE. "Derivation of the SLEDAI, A Disease Activity Index for Lupus Patients" <i>Arthritis Rheum.</i> 35 (1992): 630-640.							
	65.	Damas, J. K. et al. "Enhanced gene expression of chemokines and their corresponding receptors in mononuclear blood cells in chronic heart failuremodulatory effect of intravenous immunoglobin" J. Am. Coll. Cardiol. 38 (2001): 187-93.							
	66.	Edman, C. F. et al. "Electric field directed nucleic acid hybridization on microchips" <i>Nucleic Acids Res.</i> 25 (1997): 4907-14.							
	67.	Felson, D. T. et al. "American College of Rheumatology. Preliminary definition of improvement in rheumatoid arthritis" <i>Arthritis Rheum.</i> 38 (1995): 727-35.							
	68.	Golub, T. R. et al. "Molecular Classification of Cancer: Class Discovery and Class Prediction by Gene Expression Monitoring" <i>Science</i> 286 (1999): 531-7.							
	69.	Gullestad, L. et al. "Effect of High- Versus Low-Dose Angiotensin Converting Enzyme Inhibition on Cytokine Levels in Chronic Heart Failure" J. Am. Coll. Cardiol. 34 (1999): 2061-7.							
	70. ·	Hastie, T. et al. "Gene shaving' as a method for identifying distinct sets of genes with similar expression patterns" <i>Genome Biol.</i> 1 (2000): RESEARCH0003.							
	71.	Heller, R. A. et al. "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays" <i>Proc. Natl. Acad. Sci. U.S.A.</i> 94 (1997): 2150-2155.							
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	MADEM	Khan, J. et al. "Classification and diagnostic prediction of cancers using gene expression profiling ar artificial neural networks" <i>Nat. Med.</i> 7 (2001): 673-9.						
	73.	Li, B. et al. "Noninvasive diagnosis of for perforin and granzyme B in urine"	renal-allograft rejection by meas N. Engl. J. Med. 344 (2001): 94	surement of messenger RNA 7-954.				
	74.	Mohler, E. R. 3rd et al. "Role of Cytok Heart Failure Trial" J. Am. Coll. Cardi	cines in the Mechanism of Action ol. 30 (1997): 35-41.	n of Amlodipine: The PRAISE				
	75.	Perou, C. M. et al. "Molecular portraits	s of human breast tumours" Natu	re 406 (2000): 747-52.				
	76.	Pruitt, K. D. et al. "Introducing RefSeq NCBI" Trends Genet. 16 (2000): 44-47	and LocusLink: curated human					
	77.	Raychaudhuri, S. et al. "Basic microarray analysis: grouping and feature reduction" <i>Trends Biotechnol.</i> 19 (2001): 189-193.						
	78.	Shirali, G. S. et al. "Association of viral genome with graft loss in children after cardiac transplantation" N. Engl. J. Med. 344 (2001): 1498-503.						
	79.	Staudt, L. M. and P. O. Brown. "Genomic Views of the Immune System" <i>Annu. Rev. Immunol.</i> 18 (2000): 829-859.						
	80.	Tan, E. M. et al. "The 1982 revised crit <i>Arthritis Rheum.</i> 25 (1982): 1271-7.	teria for the classification of syst	emic lupus erythematosus"				
	81.	Tan, LamChin et al. "Sequential Monit in the Early Post Renal Allograft Period	oring of Peripheral T-Lymphocyd" <i>Transplantation</i> 71 (2001): 75	rte Cytokine Gene Expression 51-759.				
	82.	Torre-Amione, G. et al. "Proinflammatory cytokine levels in patients with depressed left ventricular ejection fraction: a report from the Studies of Left Ventricular Dysfunction (SOLVD)" J. Am. Coll. Cardiol. 27 (1996): 1201-6.						
	83.	Tsutamoto, T. et al. "Angiotensin II type 1 receptor antagonist decreases plasma levels of tumor necrosis factor alpha, interleukin-6 and soluble adhesion molecules in patients with chronic heart failure" J. Am. Coll. Cardio. 35 (2000): 714-21.						
	84.	Umek, R. M. et al. "Electronic detection of nucleic acids: a versatile platform for molecular diagnostics" J. Mol. Diagn. 3 (2001): 74-84.						
	85.	Vignali D."Multiplexed particle-based	flow cytometric assays" J. Immu	in. Meth. 243 (2000): 243-55.				
	86.	Welsh, J. B. et al. "Analysis of gene expression profiles in normal and neoplastic ovarian tissue samples identifies candidate molecular markers of epithelial ovarian cancer" <i>Proc. Natl. Acad. Sci. U.S.A.</i> 98 (2001): 1176-81.						
	87.	Westin L. et al. "Anchored multiplex amplification on a microelectronic chip array" <i>Nat. Biotechnol.</i> 18 (2000): 199-204.						

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DATE CONSIDERED:

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